

Enclosure 2B. Summary of Discrete Soil Sample^a Results for Residence ID 178, House 1

Metal	Soil Screening Level (milligrams per kilogram, mg/kg) ^b	Sample Depth Interval (inches below ground surface)	Soil Sample Results (mg/kg)				
			Location A	Location B	Location C	Location D	Location E
Aluminum	77,400	0 to 1	15,900	14,300	14,300	15,300	12,400
		1 to 6	14,500	14,500	16,700	14,400	13,600
Antimony	31.3	0 to 1	0.579	0.658	0.667	0.541	0.357
		1 to 6	0.756	0.480	0.820	0.562	0.362
Arsenic (inorganic)	20	0 to 1	6.62	6.98	7.24	7.32	5.96
		1 to 6	7.06	6.21	8.91	8.12	6.16
Barium	15,300	0 to 1	165	145	160	167	120
		1 to 6	173	138	197	144	130
Beryllium	156	0 to 1	0.694	0.745	0.682	0.634	0.654
		1 to 6	0.731	0.732	0.668	0.686	0.731
Cadmium	70.3	0 to 1	0.840	1.74	1.13	1.25	0.527
		1 to 6	1.17	1.14	1.13	1.32	0.490
Calcium	not available	0 to 1	4,620	3,990	4,800	4,150	4,130
		1 to 6	4,940	3,560	6,500	4,080	4,350
Chromium	not available	0 to 1	21.2	26.3	23.6	20.2	27.6
		1 to 6	21.7	28.5	22.0	25.6	31.9
Cobalt	23.4	0 to 1	6.97	8.27	7.76	6.72	7.67
		1 to 6	7.09	7.87	7.08	7.52	8.17
Copper	3,130	0 to 1	17.3	21.8	19.3	16.7	19.0
		1 to 6	17.7	20.2	18.8	18.9	19.7
Iron	54,800	0 to 1	19,700	22,800	19,800	19,100	24,000
		1 to 6	18,700	22,800	18,500	22,200	25,500
Lead	250	0 to 1	34.0	38.4	42.9	26.4	22.5
		1 to 6	44.2	30.9	38.1	30.7	23.8
Magnesium	not available	0 to 1	3,810	4,160	3,910	3,610	3,920
		1 to 6	3,710	3,900	3,740	3,810	4,180

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			Location A	Location B	Location C	Location D	Location E
Manganese	1,830	0 to 1	497	499	496	471	408
		1 to 6	526	442	589	471	421
Nickel	1,550	0 to 1	16.1	19.3	17.3	15.6	17.8
		1 to 6	15.7	18.7	16.0	17.2	19.4
Potassium	not available	0 to 1	2,150	2,000	2,000	2,030	1,840
		1 to 6	2,140	1,890	2,100	1,950	1,830
Selenium	391	0 to 1	0.210	0.250	0.270	0.230	0.230
		1 to 6	0.250	0.260	0.290	0.240	0.245
Silver	391	0 to 1	0.104	0.117	0.122	0.0970	0.105
		1 to 6	0.109	0.112	0.103	0.109	0.115
Sodium	not available	0 to 1	164	145	172	189	163
		1 to 6	149	137	204	164	177
Thallium	0.782	0 to 1	0.134	0.159	0.158	0.143	0.133
		1 to 6	0.140	0.146	0.154	0.144	0.143
Vanadium	394	0 to 1	33.7	41.5	37.0	32.5	44.7
		1 to 6	32.4	41.3	30.5	39.9	48.2
Zinc	23,500	0 to 1	78.0	89.4	90.6	88.1	61.1
		1 to 6	88.1	71.9	101	91.5	62.6

Notes:

Milligrams per kilogram (mg/kg) is the same as parts per million (ppm)

Results that exceed the screening level are highlighted

^a Discrete soil samples were obtained by collecting soil from the top 1 inch and the next 5 inches of soil depth at 5 locations (A, B, C, D, and E) within the decision unit or “DU” (for example, a house DU, “H1”). At location E, an additional sample was collected and the result shown in the table is the average of the two results.

^b These values are not action levels or cleanup levels, but are used to identify metals in soil that may need further evaluation in the risk assessment for the Site.